

α-mycolic acid (C80)

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791280P-1mg

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Molecular Weight 1166.093
Chemical Formula C₈₀H₁₅₆O₃
Physical State Powder
Storage -20°C
Expiration Date One year from date of receipt
M Lot Number 5259PGB011
Avanti Lot Number 791280P-1MG-B-011

ANALYSIS	SPECIFICATION	RESULTS
Physical Examination	Powder: White solid which contains no foreign matter	Pass
TLC (80:20 Hexane: Ethyl Acetate)	>99% Purity Ninhydrin: negative Iodine: one major spot Phosphorus: negative Charring: positive Water dip: one major spot	All Pass
Proton NMR	NMR spectrum consistent with reference structure	Consistent with structure
Mass Spectroscopy	[M-H] ⁻ = 1165.093 ± 1 amu	[M-H] ⁻ = 1164.9 amu

Approved By: 

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